

Abstract

Title: A Case Study of Physiotherapeutic Care of a Patient with Diagnosis of Common Peroneal Nerve Palsy.

Objectives: A summary of existing theoretical findings concerning peripheral nerve palsies, especially common peroneal nerve palsy, and their application in practice of physiotherapeutic care of a patient with the stated diagnosis.

Methods: The present bachelor thesis consists of two parts. The general part describes the anatomy of nervous system and the patophysiology of peripheral nervous system including the key processes of examination and the most important methods of physiotherapeutic care used for diagnosis and therapy of peripheral nerve palsies. A special part is dedicated to a case study of physiotherapeutic care of a patient with diagnosis of common peroneal nerve palsy and includes an entry kinesiological examination, a rehabilitation plan, a description of particular therapies and a final kinesiological examination having for purpose to assess the therapeutical effect.

Results: An increase of joint mobility extent, a decrease of sensitive disorder, motor manifestations of deep peroneal nerve reinnervation, a positive impact on swelling absorption, a partial renewal of joint play, an increase of muscular strenght of weakened muscles and an increase of flexibility of shortened muscle groups.

Conclusion: The case study which was elaborated during the professional practice at the end of January and the beginning of February 2018 in Area Hospital of Kladno proved an important impact of applied physiotherapeutic care on a patient with the diagnosis of common peroneal nerve palsy.

Keywords: Neurology, peroneus, physiotherapy, rehabilitation.